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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/986,666

DATE: 04/10/2002
TIME: 12:24:48

Input Set : **A:\Sequence Listing for Divisional 3.txt**
Output Set: **N:\CRF3\04102002\I986666.raw**

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 3  <110> APPLICANT: HO, CHIEN
 4         TSAI, CHING-HSUAN
 5         FANG, TSUEI-YUN
 6         SHEN, TONG-JIAN
 8  <120> TITLE OF INVENTION: LOW OXYGEN AFFINITY MUTANT HEMOGLOBIN
10  <130> FILE REFERENCE: 002547/20118DIV3
12  <140> CURRENT APPLICATION NUMBER: 09/986,666
13  <141> CURRENT FILING DATE: 2001-11-09
15  <150> PRIOR APPLICATION NUMBER: 09/598,218
16  <151> PRIOR FILING DATE: 2000-06-21
18  <160> NUMBER OF SEQ ID NOS: 7
20  <170> SOFTWARE: PatentIn version 3.1
22  <210> SEQ ID NO: 1
23  <211> LENGTH: 28
24  <212> TYPE: DNA
25  <213> ORGANISM: Artificial Sequence
27  <220> FEATURE:
28  <223> OTHER INFORMATION: DESCRIPTION OF ARTIFICIAL SEQUENCE: Primer to introduce
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29         Q mutation into plasmid pHE2
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      <211> LENGTH: 27
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63 <212> TYPE: DNA
64 <213> ORGANISM: Artificial Sequence

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66 <220> FEATURE:
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75 <211> LENGTH: 1140
76 <212> TYPE: DNA
77 <213> ORGANISM: Homo sapiens
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84 atctagaggg tattaataat gtatcgctta ataaggagg aataacatat ggtgctgtct   180
86 cctgccgaca agaccaacgt caaggccgcc tggggtaagg tcggcgcgca cgctggcgag   240
88 tatggtgcgg aggccctgga gaggatgttc ctgtccttcc ccaccaccaa gacctacttc   300
90 ccgcacttcg atctgagcca cggctctgcc caggttaagg gccacggcaa gaaggtggcc   360
92 gacgcgctga ccaacgccgt ggcgcacgtg gacgacatgc ccaacgcgct gtccgccctg   420
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96 tgcctgctgg tgaccctggc cgcccacctc ccgccgagt tcacccctgc ggtgcacgcc   540
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104 gtgaggccct gggcaggctg ctggtggtct acccttggac ccagaggttc tttgagtcct   780
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110 ttgccacact gagtgagctg cactgtgaca agctgcacgt ggatcctgag aacttcaggc   960
112 tcctgggaca agtactggtc tgtgtgctgg cccatcactt tggcaaagaa ttcacccac   1020
114 cagtgcaggc tgcctatcag aaagtggtgg ctggtgtggc taatgccctg gcccacaagt   1080
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133 <211> LENGTH: 1140
134 <212> TYPE: DNA
135 <213> ORGANISM: Homo sapiens
137 <400> SEQUENCE: 7
138 aaatgagctg ttgacaatta atcatcggct cgtataatgt gtggaattgt gagcggataa   60
140 caatttcaca caggaaacag aattc

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150 gacgcgctga ccaacgccgt ggcgcacgtg gacgacatgc ccaacgcgct gtccgccctg    420
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154 tgcctgctgg tgaccctggc cgcccacctc cccgccgagt tcacccctgc ggtgcacgcc    540
156 tccctggaca agttcctggc ttctgtgagc accgtgctga cctccaaata ccgttaaact    600
158 agagggtatt aataatgtat cgcttaaata aggaggaata acatatggtg cacctgactc    660
160 ctgaggagaa gtctgccgtt actgccctgt ggggcaaggt gaacgtggat gaagttggtg    720
162 gtgaggccct gggcaggctg ctggtggtct acccttggac ccagaggttc tttgagtcct    780
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166 agaaagtgct cggtgccttt agtgatggcc tggctcacct ggacaacctc aagggcacct    900
168 ttgccacact gagtgagctg cactgtgaca agctgcacgt ggatcctgag aacttcaggt    960
170 ggctaggcaa cgtgctggtc tgtgtgctgg cccatcactt tggcaaagaa ttcacccccac  1020
172 cagtgcaggc tgcctatcag aaagtggtgg ctggtgtggc taatgccctg gcccacaagt  1080
174 atcactaagc atgcatctgt tttggcggat gagagaagat tttcagcctg atacagatta  1140
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